

# DECLARATION AND POWER OF ATTORNEY FOR ORIGINAL U.S. PATENT APPLICATION

Attorney's Docket No. NOVLP016/NVLS-000403

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: SEQUENTIAL STATION TOOL FOR WET PROCESSING OF SEMICONDUCTOR WAFERS the specification of which,

- (check one)
1. ☒ is attached hereto.
  2. ☐ was filed on \_\_\_\_\_ as  
U.S. Application No. \_\_\_\_\_  
and was amended on \_\_\_\_\_.
  3. ☐ was filed on \_\_\_\_\_ as  
International PCT Application No. \_\_\_\_\_  
and was amended on \_\_\_\_\_.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, CFR § 1.56.

## Prior Foreign Application(s)

I hereby claim foreign priority benefits under Title 35, United States code, § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed:

			Priority Benefits Claimed?
			Yes ___ No ___
_____ (Application No.)	_____ (Country)	_____ (Filing Date)	
_____ (Application No.)	_____ (Country)	_____ (Filing Date)	Yes ___ No ___

## Provisional Application(s)

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

_____ (Application No.)	_____ (Filing Date)
_____ (Application No.)	_____ (Filing Date)

**Prior U.S. Application(s)**

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

_____ (Application No.)	_____ (Filing Date)	_____ (Status - patented, pending, abandoned)
_____ (Application No.)	_____ (Filing Date)	_____ (Status - patented, pending, abandoned)

**Power of Attorney**

And I hereby appoint the law firm of Beyer Weaver & Thomas, LLP and all practitioners who are associated with the Customer Number 022434 as my principal attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

**Direct Correspondence To:**

**Customer Number: 022434**  
BEYER WEAVER & THOMAS, LLP  
P.O. Box 778  
Berkeley, CA 94704-0778



**Direct Telephone Calls To:**

Jeffrey K. Weaver at telephone number (510) 843-6200

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Typewritten Full Name of  
Sole or First Inventor:

Evan E. Patton

Citizenship: United States

Inventor's signature:

Date of Signature: 3/27/03

Residence:

(City) Portland

(State/Country) Oregon/USA

Post Office Address:

2972 SW Collins Court, Portland, Oregon 97219

Typewritten Full Name of  
Second Inventor:

Theodore Cacouris

Citizenship: Greece

Inventor's signature:

Date of Signature: 4/3/2001

Residence:

(City) Portland

(State/Country) Oregon/USA

Post Office Address:

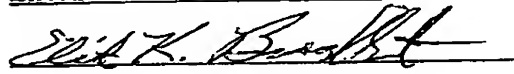
6426 SW Burlingame Place, Portland, Oregon 97201

Typewritten Full Name of  
Third Inventor:

Eliot Broadbent

Citizenship: United States

Inventor's signature:



Date of Signature: 4/3/01

Residence:

(City) Beaverton

(State/Country) Oregon/USA

Post Office Address:

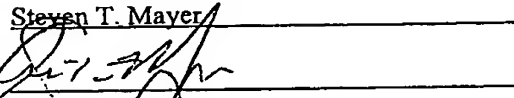
10950 SW Avocet Court, Beaverton, Oregon 97007

Typewritten Full Name of  
Fourth Inventor:

Steven T. Mayer

Citizenship: United States

Inventor's signature:



Date of Signature: 3/27/01

Residence:

(City) Lake Oswego

(State/Country) Oregon/USA

Post Office Address:

17867 Sundown Court, Lake Oswego, Oregon 97034



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

JULY 02, 2001

PTAS



\*101686029A\*

BEYER WEAVER & THOMAS, LLP  
JEFFREY K. WEAVER  
P.O. BOX 778  
BERKELEY, CA 94704-0778

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 04/05/2001

REEL/FRAME: 011706/0122  
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
PATTON, EVAN E.

DOC DATE: 03/27/2001

ASSIGNOR:  
CACOURIS, THEODORE

DOC DATE: 04/03/2001

ASSIGNOR:  
BROADBENT, ELIOT

DOC DATE: 04/03/2001

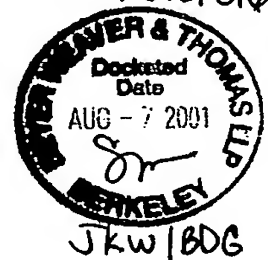
ASSIGNOR:  
MAYER, STEVEN T.

DOC DATE: 03/27/2001

ASSIGNEE:  
NOVELLUS SYSTEMS, INC.  
3970 NORTH FIRST STREET  
SAN JOSE, CALIFORNIA 95134

SERIAL NUMBER: 09828371  
PATENT NUMBER:

FILING DATE: 04/05/2001  
ISSUE DATE: NOVLP016



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SHARON LATIMER, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

04-25-2001



101686029

**ASSIGNMENT RECORDATION COVER SHEET**  
**-PATENTS ONLY-**

jc997 U.S. PRO

09/828371



To: Honorable Commissioner of Patents and Trademarks:

Please record the attached original document(s) or copy thereof.

1. Name of conveying party(ies)

- a) Evan E. Patton
- b) Theodore Cacouris
- c) Eliot Broadbent
- d) Steven T. Mayer

09828371

2. Name and address of receiving party(ies):

- a) Name: Novellus Systems, Inc.  
Address: 3970 North First Street, San Jose, CA 95134

3. Nature of conveyance

- |                                     |                    |                          |                   |
|-------------------------------------|--------------------|--------------------------|-------------------|
| <input checked="" type="checkbox"/> | Assignment         | <input type="checkbox"/> | Merger            |
| <input type="checkbox"/>            | Security Agreement | <input type="checkbox"/> | Change of Name    |
| <input type="checkbox"/>            | Other _____        | <input type="checkbox"/> | License Agreement |

Execution Date: March 27, 2001 (Patton); April 3, 2001 (Cacouris and Broadbent); and March 27, 2001 (Mayer)

4. Application Number(s) or Patent Number(s): NEW

The title of the (new) application is:

***SEQUENTIAL STATION TOOL FOR WET PROCESSING OF SEMICONDUCTOR  
WAFERS***

5. Please send all correspondence concerning this (these) documents to:

**Customer Number: 022434**  
BEYER WEAVER & THOMAS, LLP  
P.O. Box 778  
Berkeley, CA 94704-0778  
Phone (510) 843-6200  
Fax (510) 843-6203



22434

PATENT AND TRADEMARK OFFICE

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$40.00

- ☒ Enclosed
- ☒ Any deficiencies in the fees are authorized to be charged to Deposit Account No. 500388 (Order No. NOVLP016)

8. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Date: April 5, 2001

  
Jeffrey K. Weaver  
Registration No. 31,314

Attorney Docket No. NOVLP016/NVLS-000403  
(Revised 01/96)

04/11/2001 BABRHA1 00000028 09828371

40.00 DP

04 FC:581

# ASSIGNMENT OF PATENT APPLICATION

(Accompanying Application)

Whereas I the undersigned inventors have invented certain new and useful improvements as set forth in the patent application entitled:

## SEQUENTIAL STATION TOOL FOR WET PROCESSING OF SEMICONDUCTOR WAFERS

(Atty. Docket No.: NOVLP016/NVLS-000403) for which we have executed an application for a United States Letters Patent.

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, We the undersigned inventors hereby:

- 1) Sell, assign and transfer to Novellus Systems, Inc., a California corporation having a place of business at 3970 North First Street, San Jose, CA 95134, (hereinafter referred to as "ASSIGNEE"), the entire right title and interest in any and all improvements and inventions disclosed in, applications based upon, and Patent (including foreign patents) granted upon the information which is disclosed in the above referenced application.
- 2) Authorize and request the Commissioner of Patents to issue any and all Letters Patents resulting from said application or any division(s), continuation(s), substitutes(s) or reissue(s) thereof to the ASSIGNEE.
- 3) Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative and applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.
- 4) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the Assignee, its successors, assigns and other legal representative, and shall be binding upon the inventor(s), as well as the inventor's heirs, legal representatives and assigns.
- 5) Warrant and represent that we have not entered, and will not enter into any assignment, contract, or understanding that conflicts with this assignment.

Signed on the dates indicated beside our signatures.

1. Inventor Signature:

E E Patton  
Evan E. Patton

Date:

3/27/01 EP

State of Oregon )

County of Washington )

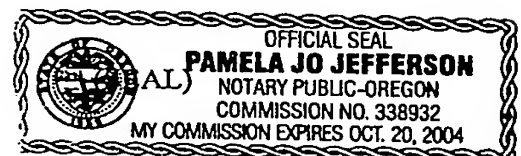
ss.

On this 27 day of March, in the year 2001, before me, \_\_\_\_\_, personally appeared Evan E. Patton, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Notary Signature

Pamela Jo Jefferson



2. Inventor Signature: \_\_\_\_\_

Theodore Cacouris

Date: 4/3/2001

State of Oregon )

County of Washington )

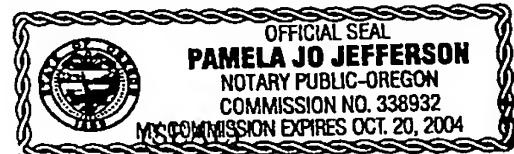
ss.

On this 3 day of April, in the year 2001, before me, \_\_\_\_\_, personally appeared Theodore Cacouris, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Notary Signature \_\_\_\_\_

Pamela Jo Jefferson



3. Inventor Signature: \_\_\_\_\_

Eliot Broadbent

Date: 4/3/01

State of Oregon )

County of Washington )

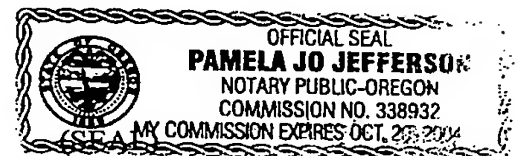
ss.

On this 3 day of April, in the year 2001, before me, \_\_\_\_\_, personally appeared Eliot Broadbent, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Notary Signature \_\_\_\_\_

Pamela Jo Jefferson



4. Inventor Signature: \_\_\_\_\_

Steven T. Mayer

Date: 3/27/01

State of Oregon )

County of Washington )

ss.

On this 27 day of March 2001, in the year 2001, before me, \_\_\_\_\_, personally appeared Steven T. Mayer, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Notary Signature \_\_\_\_\_

Pamela Jo Jefferson

